

**ENERGY AND ENVIRONMENT CABINET**  
**Proposed Projects Involving the General Fund (cash or bonds)**  
(amounts in **bold** are the total budget)

**2016-2018**

(Projects listed by cabinet priority; descriptions are from the agency submission)

- 1 Maintenance Pool for Cabinet-Owned Facilities** **\$946,000**  
The cabinet currently has 11 sites with numerous cabinet-owned buildings and structures on them with a value of approximately \$1.8 million assessed on the facilities. This pool project is necessary to preserve existing cabinet real property in a usable, safe, and functional condition. (C-PI) Secretary's Office Priority #1
- 2 State-Owned Dam Repair** **\$4,000,000**  
This request will address repairs to Bullock Pen Lake Dam, which is located between Boone and Grant counties. The state owns 73 dams, and some of the dams require maintenance and repair. Some of these dams, which have met the design requirements for the original respective hazard class, have been subsequently reclassified as "high hazard" dams because of development downstream of the dam within the dam failure inundation zone. As a result, these dams must be upgraded to meet the design specifications of the new hazard classification, which commonly requires substantial capital investment. (C-O) Dept for Environmental Protection Priority #1
- 3 2-Way Radio System Upgrade** **\$1,228,000**  
The 2-way radio repeater system owned by the Division of Forestry was purchased and installed in 2001. The system is outdated and the requirement for conversion to digital requires the division to upgrade its system to comply with FCC regulations. This request will convert the division's existing system of base stations, mobile, and handheld radios. (EQ) Dept for Natural Resources Priority #1
- 4 Wildland Fire Equipment Replacement Schedule** **\$3,000,000**  
This project will establish a 15-year replacement schedule to replace six dozers and transports (trucks that carry the dozers) each year of the 2016-2022 planning period and continue each year thereafter until such time as the replacement schedule is established. (EQ) Dept for Natural Resources Priority #2
- 5 Public Information Review Portal** **\$824,000**  
The department is proposing a public information review portal for nearly all agency records to provide transparency and reduce costs associated with responding to requests made under the Kentucky Open Records Act. The portal will also provide easy access to environmental data that is pertinent to citizens and the regulated community. (IT) Dept for Environmental Protection Priority #2
- 6 Online Permitting/Submittals Project (eForms)** **\$918,000**  
This project will create electronic web forms to electronically collect and receive permit applications and compliance data. The department will update the eForms web application to allow the public and private sector to electronically sign the submittal using electronic signature services which will meet state and federal electronic signature requirements. (IT) Dept for Environmental Protection Priority #3

- 7 JPRN Cooler \$315,000**  
This project will replace the existing cooler at the John P. Rhody Nursery (JPRN) with a larger cooler utilizing the existing loading dock and incorporating the existing concrete pad into the footprint of the larger cooler. The current cooler was constructed in the early 1970s and is 1/10<sup>th</sup> of the capacity needed to run nursery operations. (EQ) Dept for Natural Resources Priority #3
- 8 JPRN Soil Replacement \$600,000**  
This project would add a two-foot mix of 50 percent sand and 50 percent topsoil over the 50 acres of production area at the John P. Rhody Nursery (JPRN) in Marshall County. (C-PI) Dept for Natural Resources Priority #4
- 9 Engineering Standards Laboratory \$300,000**  
To ensure the accuracy of customer electric meters, 807 KAR 5:041 requires that the Public Service Commission test electric utilities' master watt-hour standard and its master indicating voltmeter and ammeter. Testing and calibration is required to ensure that Commonwealth utility meters are accurate to the national standard for billing purposes. Purchase of the Radian Calibration System and ancillary equipment is necessary. (EQ) Public Service Commission Priority #1
- 10 Mobile Inspection Data Collection \$924,000**  
This project will allow inspectors to use tablets and/or pad-based systems out in the field while performing their duties for the purpose of more accurate and faster data collection. It will reduce the error rate which creates more reliable data and increase response time for reporting and permitting. (IT) Dept for Environmental Protection Priority #4
- 11 Lab Equipment-Environmental Services Branch \$600,000**  
This request is for two instruments, the liquid chromatograph and gas chromatograph triple quadruple mass spectrometers. These instruments will allow the branch's laboratory to better detect toxins, decrease the amount of time needed for prep and analysis, and speed up the turn-around time for samples. (EQ) Dept for Environmental Protection Priority #5

#### **2018-2020**

(Projects listed in alphabetical order)

Maintenance Pool for cabinet-owned facilities	\$560,000
State-Owned Dam Repair	3,900,000
Wildland Fire Equipment Replacement Schedule	3,000,000

#### **2020-2022**

Maintenance Pool for cabinet-owned facilities	\$400,000
State-Owned Dam Repair	2,000,000
Wildland Fire Equipment Replacement Schedule	3,000,000

**ENERGY AND ENVIRONMENT CABINET**  
**Other Proposed Project**

**Kentucky Heritage Land Conservation Fund Add'l                      \$10,000,000                      RF/FF**

The Kentucky Heritage Land Conservation Fund (KHLCF) was established to protect Kentucky's finest natural and wildlife habitat areas. The 1994 General Assembly passed HB 368 which provided funds for this purpose through the collection of environmental fines, the state share of the unmined minerals tax, the sale of environmental license plates, donations, and interest. The Kentucky Heritage Land Conservation Fund Board awards grants for the acquisition and management of selected natural areas that meet specific criteria. This is an on-going group of projects with current projects continually being purchased and new projects being approved. (C-O) *Secretary's Office.*

*\*The cabinet proposes KHLCF projects at the same funding level in each biennium of the planning period.*

**Energy and Environment Cabinet**  
**Proposed Projects – Involving the General Fund (Cash or Bonds)**  
**Sorted by Agency**

*Listed below are projects for each agency (department) within the cabinet. The projects for the first biennium are listed by agency priority number. Projects for the second and third biennium are listed alphabetically.*

Department for Environmental Protection

2016-2018

1 State-Owned Dam Repair	\$4,000,000
2 Public Information Review Portal	824,000
3 Online Permitting/Submittals Project (eForms)	918,000
4 Mobile Inspection Data Collection	924,000
5 Lab Equipment-Environmental Services	600,000

2018-2020

State-Owned Dam Repair	3,900,000
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2020-2022

State-Owned Dam Repair	2,000,000
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Dept for Natural Resources

2016-2018

1 Two-way Radio System Upgrade	\$1,228,000
2 Wildland Fire Equipment Replacement Schedule	3,000,000
3 JPRN Cooler	315,000
4 JPRN Soil Replacement	600,000

2018-20

Wildland Fire Equipment Replacement Schedule	3,000,000
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2020-22

Wildland Fire Equipment Replacement Schedule	3,000,000
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Secretary's Office

2016-2018

1 Maintenance Pool for Cabinet-Owned Facilities	\$946,000
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2018-2020

Maintenance Pool for Cabinet-Owned Facilities	560,000
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2020-2022

Maintenance Pool for Cabinet-Owned Facilities	400,000
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Public Service Commission

2016-2018

1 Engineering Standards Laboratory	300,000
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